

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000441 A2

(51) International Patent Classification⁷: **B01D 15/08**,
B01J 20/32, C07K 1/22, G01N 30/02, C08F 8/32

Gaustadalleen 21, N-0349 Oslo (NO). **AUKRUST, Inger, Reidun** [NO/NO]; Synthetica AS, Oslo Research Park, Gaustadalleen 21, N-0349 Oslo (NO).

(21) International Application Number:
PCT/GB2004/002764

(74) Agent: **FRANK B. DEHN & Co.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

(22) International Filing Date: 28 June 2004 (28.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0315131.3 27 June 2003 (27.06.2003) GB
0328397.5 8 December 2003 (08.12.2003) GB
0408456.2 15 April 2004 (15.04.2004) GB

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **DYNAL BIOTECH ASA** [NO/NO]; Postboks 114 Smestad, N-0309 Oslo (NO).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for GB only*): **CAMPBELL, Neil** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SONGE, Pal** [NO/NO]; Kastellhagen 3, N-1176 Oslo (NO). **FONNUM, Geir** [NO/NO]; Asbjørn Klosters vei 12 a, N-1472 Fjellhamar (NO). **KJUS, Nini Hofsløkken** [NO/NO]; Rugdeveien 11, N-0679 Oslo (NO). **SANDBERG, Marcel** [NO/NO]; Synthetica AS, Oslo Research Park, Gaustadalleen 21, N-0349 Oslo (NO). **NORDSTRAND, Solveig** [NO/NO]; Synthetica AS, Oslo Research Park,

Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVEMENTS IN MAGNETIC POLYMER PARTICLES

(57) Abstract: A conjugate comprising a magnetic polymer particle bound to a carboxymethylated aspartate chelating ligand, optionally chelating a metal ion.

WO 2005/000441 A2